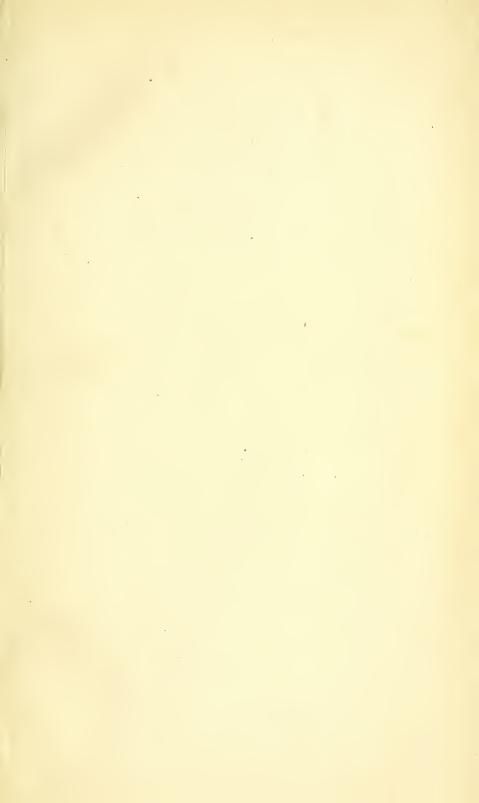


1893-98 A



NINETEENTH ANNUAL REPORT

OF THE

WORCESTER INSANE ASYLUM,

ΑT

WORCESTER,

FOR THE

YEAR ENDING SEPTEMBER 30, 1896.

BOSTON:

WRIGHT & POTTER PRINTING CO., STATE PRINTERS,

18 Post Office Square.

1897.



OFFICERS OF THE ASYLUM.

TRUSTEES.

SARAH E. WHITIN,					WHITINSVILLE.
FRANCES M. LINCOLN	ī,				WORCESTER.
A. GEORGE BULLOCK,				٠	WORCESTER.
THOMAS H. GAGE,					WORCESTER.
HENRY S. NOURSE,					Lancaster.
ROCKWOOD HOAR,					
FRANCIS C. LOWELL,					

RESIDENT OFFICERS.

ERNEST V. SCRIBNER, M.D.,			Superintendent.
HARTSTEIN W. PAGE, M.D.,			Assistant Physician.
ABBIE S. FAY,			Matron.

NON-RESIDENT OFFICERS.

ALBERT	WOOD,						Treasurer.
GEORGE	L. CLARE	ζ,					Auditor.
MARIAN	D. CUDW	ORTE	I,				Clerk.
FREDER	ICK H. BA	KER,	M.I	Ò.,			Pathologist.
WILLIAM	I SHERM	AN,					Engineer.

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Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Honor the Lieutenant Governor, Acting Governor, and the Honorable Council.

The trustees of the Worcester Lunatic Hospital, having the care of the Worcester Insane Asylum, present the nineteenth annual report of the institution, together with statistical tables prepared by the superintendent.

The additions that were commenced last year in the northern part of the building on the women's side are nearly completed and portions are already occupied. By the changes made in the past two years the character of the old building, which was dark and cheerless, has been entirely altered, and is now as bright and attractive as a modern hospital. Thus to increase the capacity of a long-established institution is a practical way of providing for the insane, at a comparatively small cost per bed per patient, as our experience proves.

The personnel of the staff continues the same as last year. Dr. Scribner and his assistants have evinced the same interest in and assiduous care of the inmates as heretofore. In their earnest endeavor to treat all as though cure were possible, they have been rewarded, notably, in the case of a patient who had been a sufferer for fifteen years, and has been discharged. Such results are encouraging, and we trust that the cure is permanent.

The management of the house has been most satisfactory; neatness, order and cleanliness prevail, and the conditions are conducive to health and comfort.

SARAH E. WHITIN.
FRANCES M. LINCOLN.
A. GEORGE BULLOCK.
THOMAS H. GAGE.
HENRY S. NOURSE.
ROCKWOOD HOAR.
FRANCIS C. LOWELL.

\$43,621 22

OFFICERS AND THEIR SALARIES.

ERNEST V. SCRIBNER, M.D., Su	iperi:	ntende	nt,				\$2,500 00	
HARTSTEIN W. PAGE, M.D., As	s i sta	nt Phy	sici	an,			1,300 00	
FREDERICK H. BAKER, M.D., P.	athol	logist,				٠	100 00	
Abbie S. Fay, Matron, .					,		400 00	
Albert Wood, Treasurer, .							400 00	
George L. Clark, Auditor,							50 00	
MARIAN D. CUDWORTH, Clerk,							600 00	
WILLIAM SHERMAN, Engineer,							1,000 00	

VALUE OF STOCK AND SUPPLIES.

Ост. 1, 1896.

Live stock,								\$375 00
Produce of the garden on hand	1, .							1,067 74
Carriages and agricultural imp	olemen	its,						500 00
Machinery and mechanical fixt	tures,							9,000 00
Beds and bedding in inmates'	depart	ment,	, .					9,000 00
Other furniture in inmates' dep	partme	nt,						3,500 00
Personal property of State in s	superin	tende	ent's	depa	rtmei	nt,		9,500 00
Ready-made clothing							٠.	2,154 64
Dry goods,								623 00
Provisions and groceries, .								2,279 59
Drugs and medicines,								425 00
Fuel								3,500 00
Library								550 00
Other supplies undistributed,								1,146 25

Lights,

Amounts carried forward, .

TREASURER'S REPORT.

To the Trustees of the Worcester Lunatic Hospital, acting for the Worcester Insane Asylum.

I herewith submit my nineteenth annual report on the finances of the Worcester Insane Asylum for the year ending Sept. 30, 1896.

RECEIPTS.

Cash on hand Sept. 30, 1895: -Cash belonging to the asylum, . . . \$10,475 07 Deposits of inmates, 1,187 39 \$11,662 46 Amounts received: -From the Commonwealth for support of patients, \$20,003 49 From cities and towns for support of patients,. . 54,476 06 From other sources, . . 684 19 From inmates . 51 43 75,215 17 \$86,877 63 The expenditures for the year have been as follows: --Salaries and wages, . \$23,124 14 Provisions and supplies: — Meat of all kinds, . . . \$3,018 59 Fish of all kinds, . 656 79 Fruit and vegetables, . . 1,799 00 Flour, 1,981 35 Meal for table, . 31 10 Hay and grain, . 421 81 Tea and coffee, . 486 27 Sugar and molasses, . . 1,046 92 Milk, butter and cheese, . 7,120 84 Salt and other groceries, 386 90 All other provisions, . . 1,954 01 18,903 58 Clothing and material, . \$3,167 05 . 4.226 41

. 823 17 . \$8,216 63

\$42,027 72

		-
Amounts brought forward,	\$8,216 63	\$42,027 72
Medicine and medical supplies,	375 23	
	4,069 76	
Crockery,	62 24	
Beds and bedding,	902 83	
Transportation,	273 82	
	104 11	
Trustees' expenses,	25 03	
Soap,	297 88	
	393 45	
Stationery,		
Undertaking,		
Repairs (ordinary),		
All other current expenses,	2,522 80	26,427 32
	-	
Total current expenses,		\$68,455 04
Repairs and improvements (extraordinary)		
Refunded inmates (on deposits),	64 26	10,064 26
	-	
Total amount expended,		
Cash on hand Sept. 30, 1896,		8,358 33
		\$86,877 63
RESOURCES		
Cash on hand,		
Due from Commonwealth for support, .		
from cities and towns,	13,062 33	
from other sources,	32 40	\$26,178 38
Liabilities		φ20,170 bo
Due for supplies and expenses,	\$2,943 00	
for salaries and wages,	. 1,937 67	
inmates (cash on deposit),	. 1,174 56	6,055 23
Total surplus,		\$20,123 15
1	•	

Respectfully submitted,

ALBERT WOOD,

Treasurer.

Worcester, Mass., Oct. 1, 1896.

WORCESTER, MASS., Oct. 24, 1896.

The undersigned has this day carefully compared the treasurer's statement of expenditures for the year ending Sept. 30, 1896, with the vouchers which are on file at the Worcester Insane Asylum, and finds it to be correct. He has also compared the amount of bills rendered for the board of patients with the estimated earnings of the institution for one year, and finds them to agree.

GEO. L. CLARK,

Auditor of Accounts.

SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester Lunatic Hospital, acting for the Worcester
Insane Asylum.

I respectfully submit to your board the nineteenth annual report of the superintendent of this institution.

Oct. 1, 1895, 447 persons were inmates of this asylum,—225 men and 222 women. There have been admitted since 20 women, making a grand total of 467 cases under treatment,—225 men and 242 women. There have been discharged 1 woman recovered, 2 men and 2 women improved and 2 women not improved. Death has removed 16 men and 19 women, making a combined total of deaths and discharges of 42 persons,—18 men and 24 women. Sept. 30, 1896, there remained 425 patients,—207 men and 218 women. Of those admitted, the whole number, 20 women, came from Westborough. Of those discharged, 1 man was removed by an officer of the city of Boston, 1 man escaped and was never returned, 1 woman was sent out of the State by the Board of Lunacy and Charity, 1 woman went on a visit and was not returned, 2 women were transferred to the Medfield Asylum and 1 woman recovered.

The small number of patients admitted during the year renders it difficult to draw any specially valuable deductions from this source. Some estimate as to the prospect for final recovery in these cases can be made when we learn that the average duration of insanity, before admission here, was nearly eight and one-half years. Epilepsy and heredity lead in the assigned causes of disease, a finding, perhaps, not so surprising in cases of such long standing, when we remember that these patients are the accumulation of other institutions, and a selected accumulation at that. Of this number, considerably over 50 per cent. were hopelessly demented and 25 per cent.

were epileptic. Three or four were inclined to be somewhat helpful, and an equal number were quite as inclined towards destructiveness. The average age was that of middle life, and there was less than the usual proportion of extremely feeble cases.

One woman recovered, and was discharged to the care of her friends. This was a case of mania, with occasional outbursts of excitement. She had been insane for about fifteen years. Five years ago she was discharged to the care of her brother, as much improved. It was thought then that she might continue to improve in her new surroundings, and eventually complete her recovery without a return to a hospital. It proved, however, that she had not regained sufficient mental stability to endure the strain of personal responsibility, and she was very soon returned to an institution, a little later being again transferred here. After a more or less eventful experience she again improved to such an extent that she was once more discharged to the care of her brother, this time as recovered. She has now remained well for some months, and possibly may continue so, though the probability of relapse in recoveries from mental disease of long standing is greater than in acute cases. Recovery from mental disease may be complete, so far as any evident manifestation is concerned, and yet the predisposition remain, and be even strengthened, rendering a relapse perhaps probable, and from slighter provoking causes than in the case of the first attack. Bearing this fact in mind, it has been claimed that a continued high rate of recovery among the insane would eventually exert an unfavorable influence upon the increase of insanity, by returning to the ordinary walks of life persons whose impress upon posterity would lead to the perpetuation of an unstable mentality.

Some special investigation has been undertaken during the past year, looking to establish the value of certain remedial measures in their influence upon the course of chronic mental disease. The somewhat striking success which has followed the administration of the thyroid extract in certain forms of acute insanity has led to the hope that something might also be accomplished by its use in the chronic stage of disease. A thorough trial of this remedy has given, in my hands, nothing

but negative results, a finding not wholly unexpected. Much more of promise has seemed to attend a more careful regulation of the diet, and an attempt to correct faulty digestive processes, — a fact which shows the importance of always providing good, wholesome and nutritious food for the insane. slight success which too often follows treatment in the chronic class should prove rather an incentive to renewed investigation than a discouragement to further effort. The large and constantly increasing numbers of these most unfortunate people demand that every measure shall be taken which gives any hope of relief. The establishment here of a laboratory furnishing increased facilities for the study of disease and for the scientific investigation of the medical problems of the institution would greatly further the work of the hospital, and increase its efficiency for the relief of its patients. Though the study of disease in its chronic forms is not usually as attractive as in its acute manifestations, I believe that the results of investigation are more than sufficient to reward the effort. The division of mental disease into acute and chronic forms is, to a certain extent, artificial, as many acute cases are practically incurable when admitted, while, on the other hand, many cases of long standing are susceptible of improvement, or even recovery, as the experience of this institution shows.

The policy has been continued of granting as great personal liberty to patients as seemed consistent with the proper management of the institution. This freedom has been very generally appreciated by our people and abused by but few, as is evidenced by the fact that only one successful escape occurred during the year. Notwithstanding the fact that the more helpful patients are seldom transferred here, much valuable work has been accomplished, nearly two-thirds of our number having been profitably employed during the greater portion of the time. Pecuniary result has not been the sole measure of effort, and many persons have been encouraged to work solely for the benefit which would accrue to the individual, sometimes at a direct money loss to the institution. Recognizing, also, the fact that out-of-door exercise is an essential requisite for the proper maintenance of health, constant effort has been made to keep our patients as much as possible in the open air.

Ratio of Deaths from the Opening of the Asylum to Oct. 1, 1896.

			Number ents.	Average ber of ts.		DEATHS		on mber ents	Average ber of
OFFICI	AL YE	EAR.	Whole Num of Patients.	Daily Aven Number Patients.	Males.	Females.	Totals.	Per Cent. on Whole Number of Patlents treated.	Per Cent. Dally Ave Number Patients.
1877 - 78, .	٠		429	382.98	18	8	26	6.05	6.78
1878-79, .			422	367.41	22	11	33	7.82	8.98
1879-80, .			413	363.15	15	8	23	5.56	6.33
1880-81, .			401	363.09	18	6	24	5.98	6.62
1881-82,.			439	375.59	21	11	32	7.28	8.51
1882-83, .			461	384.33	37	24	61	13.23	15.84
1883-84, .			438	390.69	22	20	42	9.58	10.75
1884-85,.			448	391.12	20	14	34	7.58	8.69
1885-86,.			476	400.28	23	15	38	7.98	9.49
1886-87,.	4		444	393.52	21	17	38	8.55	9.65
1887-88,.			451	393.95	23	14	37	8.20	9.39
1888-89,.			431	385.56	27	11	38	8.81	9.85
1889–90, .			428	330.23	27	4	31	7.24	9.38
1890-91,.			464	394.66	22	12	34	7.32	8.61
1891–92, .			499	427.82	22	15	37	7.41	8.64
1892–93, .			519	446.94	38	20	58	11.17	12.97
1893-94,.			515	442.23	22	21	43	8.35	9.72
1894-95,.			504	460.68	22	24	46	9.13	9.99
1895-96,.			467	427.36	16	19	35	7.49	8.19

The death rate, reckoned upon the daily average number of patients, is lower than it has been before at any time for fourteen years. I ascribe this to three causes: a less number of feeble cases than usual having been received during the year; the fact that the weaker ones of our old cases had earlier succumbed to the ravages of disease; and, finally, the constantly improving sanitary condition of the institution. There has been very little acute disease in the house. The chief cause of death has, as usual, been phthisis. There has been a remarkable freedom from those annoying cases of severe tonsillitis which were formerly so prevalent among the help, a fact doubtless due in great measure to the admission of more air and sunshine to the wards.

The new building, which was in process of construction at the time of my last annual report, is nearly completed, and for some time has afforded sleeping accommodations for patients. The water section alone remains unfinished. This building not only increases the capacity of the institution, but also furnishes water-closet and bathing facilities for three of the old wards. The construction is of the most substantial kind. The entire water section and the stairway are fireproof; the remainder of the building is slow-burning construction. Provision is made for the rain bath on every floor, a room of moderate size being set apart for this purpose in each ward. This arrangement is adopted in preference to one large room for all, as being far more convenient and securing greater privacy and personal attention for patients. I doubt the expediency of bathing large numbers of the insane at the same time in the same room.

The opening of this new building has afforded almost complete relief from the crowding which has existed here for so many years. The numbers in the female department are now nearly at the normal capacity and in the male department a few vacant rooms exist. The very favorable showing as to per capita cost in the erection of this building would seem to indicate that the enlargement of already existing institutions furnishes, to a certain limited extent, an economical and efficient way of providing for a future increase of the insane. When, however, numbers greatly in excess of one thousand are grouped under one administrative head, the wisdom of a still further enlargement of that particular institution seems to me problematical.

It is greatly to be regretted that we have not as yet been able to equip the asylum with electricity for lighting purposes. Our revenues have not been sufficient to complete the work already in hand and to undertake so expensive an operation as the installation of an electric plant. The experience of other institutions leads me to believe that the change from gas to electricity would be productive of most desirable results, both in a sanitary and a financial way, and would give a lighting agent far safer and easier to control. Our new building has already been equipped with iron-armored conduit for the passage of electrical wires. The engine which furnishes power for the laundry and for the general purposes of the hospital has been long in service, and is of an antiquated type. While, under our present conditions, it is fairly efficient in operation, it is wasteful of steam, and, with the introduction of the electric light, would probably not respond in a satisfactory manner to the added burden of a dynamo. This engine should be replaced with a modern

machine at such early date as the finances of the institution will warrant.

The work of enlarging the windows in the older wards has been continued slowly, and much general work of repair has been accomplished. Several changes have been made in the wash room of the laundry building, which have added greatly to the efficiency of the service. The last of the old wooden washers has been discarded, and replaced with a modern metallic machine. That portion of the plumbing which was beneath the floor has been removed, heavy iron being substituted for the old cement pipe, which has been in place for many years. Some necessary furnishings have been added to the public reception room and the business offices.

Earnest and faithful work has been done by the officers of the institution, and the employees, with few exceptions, have shown an attention to duty which has been commendable.

The usual services and amusements have been held in the chapel. Our winter entertainments have been eagerly looked forward to by the patients, and largely attended.

I desire to thank your Board for the cordial support which has been at all times given to me.

E. V. SCRIBNER,

Superintendent.

REVISED TABLES

FOR

UNIFORM STATISTICS

IN THE

MASSACHUSETTS HOSPITALS AND ASYLUMS FOR THE INSANE.

Approved by the State Board of Lunacy and Charity, March 10, 1891.

1. — General Statistics of the Year.

Patients in asylum Oct. 1, 1895,			INSANE.		H	HABITUAL DRUNKARDS.	L. DS.	Vo P2	VOLUNTARY PATIENTS.	RY S.	4	AGGREGATES	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	F6.	Tot.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	No. 1 1 100 5	66		447	1	- 1	ì	1	1	ı	225	222	447
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Patients in asymm Oct. 1, 1000,			06	ı	1	1	-	- 1	1	1	20	50
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Admitted Within the year,	. 22		167	1	ī	ı	1	1	ī	225	242	467
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Whole minder of cases within the year.	-		42	1	1	ı	ı	ı	ı	18	24	42
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Viz. as recovered.*			-	ı	1	1	į	1	1	ı		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	as much immoved *		-	1	ı	ı	ŀ	1	1	1	ı	ı	1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	es innumore *			4	ı	1	1	1	ı	ŀ	63	5	4
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	as not improved.		- 67	2	1	1	1	1	1	1	1	62	23
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	as not insane		1	1	1	1	1	ı	1	1	1	ı	ı
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Dooths	-			1	ł	i	1	į	1	16	19	35
ts,	Detionts remaining Sept. 30, 1896.	. 20			1	-1	1	1	1	1	202	218	425+
ts, 149 162† 311†	Viz commonted as State naticuts.	- i			1	á	ı	1	1	1	58	99	114
is private patients,	as town patients,	. 14	_		1	ı	1	1	ł	1	149	162	3114
persons within the year, 225 242 467 20 20 20 1 1	as private patients.		-	1	١	1	i	ŀ	1	ı	1	ı	1
20 20	Number of different persons within the year,	. 22		467	1	1	1	1	ł	1	225	242	467
	Persons admitted,	•		20	ı	1	ı	1	1	í	ı	50	50
	Paranta recovered				ì	1	ŧ	ı	1	1	1	_	1
1215.001 100 100 100 100 100 100 100 100 100	Daily average number of natients.	214.9		427.36	1	1	1	1	ł	1	214.93	212.43	427.36
60.18 53.75 113.93	Via State nationts	. 60.1		113.93	ı	-1	1	1	1	. 1	60.18	53.75	113.93
town patients,	town patients,	154.7		313.43	ı	1	I	ı	ŧ	ı	154.75	158.68	313.43

† Includes one on visit.

* At the time of leaving asylum.

2. — Monthly Admissions, Discharges and Averages.

				ADMISSIONS.		A	DISCHARGES.			DEATHS.		DAILY AVE	DAILY AVERAGE OF PATIENTS IN THE HOUSE.	ENTS IN
MONTHS.			Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1895.														
October,		•	1	ı	1	ı	67	2	1	67	57	225.00	220.23	445.23
November,	•	•	1	ı	1	-	1	-	ı	1	ı	223.53	219.50	443.03
December,	•	•	ŀ	ı	1	C 3	Ø1	4	63	ા	4	222.00	219.16	441.16
1896.														
January,	•		1	1	ı	ಣ	ı	ಣ	23	1	67	220.42	218.00	438.42
February,	•	٠	ı	ı	ı	ಣ	7	2	က	63	2	217.96	217.38	435.34
March,	•	٠	1	1	1	ಣ	ဢ	9	ಣ	က	9	214.23	214.32	428.55
April,	•	٠	1	1	1	α 1	01	₩	67	1	ಣ	210.93	211.37	422.30
May,	•	٠	1	ı	ı	-	4	ಸ	-	ಣ	4	210.49	208.03	418.52
June,	٠	٠	ı	ı	1	ı	ന .	ಣ	1	ಬ	က	210.00	204.50	414.50
July,	•	•	ı	1	ı	01	67	4	01	П	က	208.81	203.42	412.23
August,	•	•	ı	1 8	1	1	_	_	1	П	П	208.00	201.42	409.42
September,	۰		ı	22	20	-	ಣ	4	1	1	7	207.77	211.83	419.60
Total of eases, .	٠	•	1	20	20	18	24	42	16	19	35			,
Total of persons,	٠	•	1	20	20	18	24	42	16	19	35	1	1	ı
Daily average, .	9	•	1	ı	1	ı	ı	ı	ı	ı	ı	214.93	212.43	427.36
								=	_		=			

3. — Received on First and Subsequent Admissions.

	CA	SES ADMITT	ED.		ES PREVIOU	
NUMBER OF THE ADMISSION.	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	-	20	20	-	_	_
Total of cases, Total of persons,	-	20 20	20 20	-	_	_

4. — Relations to Hospitals of Persons admitted.

HOSPITAL RELATIONS.		Males.	Females.	Totals.
Never before in any hospital for insane, Former inmates of this asylum only, . Former inmates of other hospitals only,		-	20	- - 20
Total of persons,		_	20	20

5. — Parentage of Persons admitted.

				MAI	LES.	FEM	ALES.	Тот	ALS.
PLACES	OF N	TIVIT	TY.	Father.	Mother.	Father.	Mother.	Father.	Mother.
Unknown,.	,		•	_	_	20	20	20	20
Total, .	1		•	-	-	20	20	20	20

6. — Residence of Persons admitted.

	PL.	ACES	•			Males.	Females.	Total.
lassachusetts:								
Suffolk County,						-	12	12
Middlesex County	,			•		-	3	3
Essex County,			•		٠	-	3	3
Norfolk County,						_	1	1
Bristol County,						_	1	1
Totals, .							20	20
Viz.: cities and to	wns	s,*				-	17	17
country dist	ricts	, .				-	3	5

^{*} Containing not less than 10,000 inhabitants.

7. — Civil Condition of Persons admitted.

NUMBER OF THE AD-	Un	MARR	ED.	M	ARRIE	D.	W	DOW	ED.	UN	KNOV	VN.	Т	OTAL	s.
MISSION.	Ma.	Fe.	Tot	Ma.	Fe.	Tot.	ма.	Fe.	Tot.	ма.	Fe.	Tot.	Ma.	Fe.	Tot.
First,		9	9		9	9		2	2	_	_	-		20	20
Totals, .	-	9	9	-	9	9	-	2	2	-	-	-	-	20	20

8. — Occupation of Persons admitted.

				1	FEMA	LES.					
Housewives, Domestics, Dressmaker,		:	•		9 3- 1	No occ	upatio	•		٠	7 20
			 WIF	E O	R DA	UGHTI	ER O	F		 	
Unknown, . Total, .	•										$\frac{20}{20}$

9. — Probable Causes of Disease in Persons admitted.

	RY	Tot.		1	1	ı	ı		ı	1	ı	,	1
ENTS.	HEREDITARY PRE-DISPOSITION.	Fe.		1	ı	ı	1		1	1	1	1	1
PATI	HERD	Ma.		1	ı	ı	ı		1	ı	ı	1	1
VOLUNTARY PATIENTS.	<i>o</i> 2 •	Tot.		1	ı	1	ı		ı	ı	1	1	1
OLUN	PREVIOUS ATTACKS.	Fe.		1	1	ı	1		ı	1	1	1	1
	PR	Ma.		ı	1	ł	ı		ı	ı	ı	1	1 .
	RY ON.	Tot.		ı	1	ı	1		1	1	1	1	1
ARDS	HEREDITARY PRE-DISPOSITION.	Fe.		ı	ı	ŧ	ı		1	ı	ı	1	ı
HABITUAL DRUNKARDS.	neri Disp.	Ma		1	1	ı	1		ı	ı	1	1	1
JAL D	Ø. *	Tot.		1	1	ł	1		ı	1	ı	1	t
BITT	PREVIOUS ATTACKS.	Fe.		1	1	ŧ	1		f	ı	1	1	ı
H/	PRE	Ma.		ı	ŀ	ı	1		1	1	1	1	1
	RY ON.	Tot. Ma. Fe. Tot. Ma.		1	1	1	61		ಣ	1	ı	1	9
	HEREDITARY PRE- DISPOSITION.	Fe.		ı	-	ı	63		ಣ	ı	1	1	9
INSANE.	HER	Ma.		1	ı	ı	ı		ı	ı	ı	J.	'
INS	us s.	Tot.		1	1	1	1		¢1	ı	ı	C3	4
	PREVIOUS ATTACKS.	Fe.		ı	1	1	ı		¢1	1	1	61	4
	PR	Ma.		ı	ı	ı	1		1	1	ı	1	1
	ARY TS.	Tot.		1	1	ı	ł		1	1	1	. 1	1
	VOLUNTARY PATIENTS.	Fe.		ı	ı	8	1		1	1	ı	1	ı
ED.	VOL	Ma.		ı	1	ı	1		1		-1	1	í
PATIENTS ADMITTED.	AL SDS.	Tot.		1	ı	ı	ı		1	ı	1	1	1
S AD	HABITUAL DRUNKARDS.	Fe		ı	ı	ı	ı		1	ı	1	1	1
IENT	HA	Ma.		ı	1	ı	1		1	1	1	1	1
PAT		Ma. Fe. Tot. Ma. Fe		ಣ	6.1	63	63		ಣ	г	П	9	20
	INSANE.	Fe.		9	6.1	C 1	C3		ಣ	-	_	9	20
	NI NI	Ma.		1	1	1	1		1	ı	1	ŀ	1
				٠		•	•			•		•	•
				٠		•	٠		•	٠			
	CAUSES.		1 Physical:	Epilepsy, .	Intemperance, .	Pregnancy,	Puerperal,	2 Mental: -	Heredity, .	Congenital,	Spiritualism,	Unknown, .	Totals, .

10. — Record of Cases admitted within the Year.

		INSANE.		Навіто	HABITUAL DRUNKARDS.	ARDS.	Voluni	VOLUNTARY PATIENTS,	ENTS.	AG	AGGREGATES.	
PA11ENTS.	Males.	Females.	Totals.	plales.	Females.	.sistoT	Males.	Females.	.elsioT	Males.	Females.	.alatoT
Admitted,	1	20	20	1	ı	1	4	1	1	1	20	20
Discharged, recovered,	1	1	1	1	ı	1	1	1	1	ı	ı	ı
much improved,	1	ı	1	1	ı	ı	ı	1	1	1	1	(
improved,	1	1	1	ı	1	ı	1	1	ı	ı	1	ı
not improved,	1	ı	1	ł	1	ı	1	1	1	1	1	ı
not insane,	1	1	1	1	ı	ı	1	1	1	1	ı	ı
Died,	1	1	1	ı	1	ı	1	ı	ı	1	1	1
Remaining Scpt. 30, 1896,	1	20	20	1	1	ŀ	1	ŀ	1	ı	20	20
Number likely to recover or improve,	1	1	1	1	t	ı	4	1	1	ı	1	ł
	-							-	-		-	

11. - Ages of Insane at First Attack, Admission and Death.

Therefore First Attack Totals Tot													
Males, Femiles, Totals, Prinst attrack. AT FIRST ATTACK. AT TIME OF DEADLY. Males, Femiles, Totals, Males, Totals, Males, Femiles, Totals, Males, Femiles, Totals, Males, Totals,			PERSONS F	IRST ADMITT	ED TO ANY	HOSPITAL.				PERSON	s Died.		
Males. Females. Totals. Females. Totals. Females. Females. <th< th=""><th>AGES.</th><th>Ą</th><th>T FIRST ATT</th><th>ACK.</th><th>WH</th><th>EN ADMITTI</th><th>cD.</th><th>AT</th><th>FIRST ATTA</th><th>CK.</th><th>AT T</th><th>TME OF DE</th><th>лти.</th></th<>	AGES.	Ą	T FIRST ATT	ACK.	WH	EN ADMITTI	cD.	AT	FIRST ATTA	CK.	AT T	TME OF DE	лти.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		Males			Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	genital,	1	1	ı	1	1	1	١	H	П	ı	ł	ı
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	ears and less,		1	1	1	1	ì	-	ಣ	4	ı	ı	8
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	n 15 to 20 years,	1	1	1	ł	ı	ı	-	1	<u></u>	1	-	_
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	20 to 25 years,	1	ł	ı	ı	ŀ	1	7	ಣ .	2			07
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	25 to 30 years,	-	1	ì	1	ı	1	9	67	ж •	_		C7 (
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	30 to 35 years,	1	ı	ı	b	ì	ı	1			1	33	67
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	35 to 40 years,	1	1	ß	ı	1	1		4	2	4	4	00
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	40 to 50 years,	1	5	ı	1	1	1	_	-	ε ₁	₩.	9	o -
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	50 to 60 years,	1	1	1	ı	ŀ	ı	1	F	1	4	67	9
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	60 to 70 years,	1	1	1	1	1	1	ı	1	1			63
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	70 to 80 years,	0	1	ı	1	3	1	i			ı		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	80 years,	1	1	k	1	1	ı	J	1	1		!	C3
persons,	юмп,	2	1	ı	2	1	1	C3	ಣ	ō	1	ı	1
sons,	nsane,	0	1	ı	1	1	1	1	ı	1	1	ł	ŀ
	Fotal of persons,	t			ŧ		1	16	19	35	16	19	35
	Mean ages,		ı	1	1	1	١	26.07	29.62	27.93	45.37	44.47	44.89

12. — Reported Duration of Disease before Last Admission.

		FIRS TO A	T ADM	ISSION SPITAL.		LL OTE			Total	s.
PREVIOUS DURATION.		Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,		-	-	_	_	1	1	-	1	1
Under one month, .		_	_	-	-	-	-	-	-	-
From 1 to 3 months,.	•	-	-	-	-	-	-	-	_	-
3 to 6 months,.		-	-	-	-	-	-	-	-	-
6 to 12 months,		-	-	-	-	-	-	-	-	-
1 to 2 years, .		-	-	-	-	-	-	-	-	-
2 to 5 years, .	• ;	-	-	-	-	3	3	-	3	3
5 to 10 years, .		_ '	_	-	-	6	6	_	6	6
10 to 20 years, .		-	-	-	-	7	7	-	7	7
Over 20 years,		- 1	-	-	-	-	-	-	-	-
Unknown,		-	-	-	-	3	3	-	3	3
Not insane,		-	-	-	-	_	-	-	-	-
Total of cases, .		-	_	-	-	20	20	_	20	. 20
Total of persons,		-	-	-	-	20	20		20	20
Average in years,	•	-	-	-	-	8.47	8.47	-	8.47	8.47

13. - Form of Mental Disease in Cases admitted or discharged, with Condition on Discharge.

	AGGREGATES.	Females. Totals.	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24 42
	AGGR	Males.	18 1111 182	18
	_	.alatoT	355 22 22 21 1 1 1 1 2 2 2 2 2 2 2 2 2 2	35
	DIED.	Females.	424-1411 HIII &	19
		Males.	100	16
	NE.	Totale.	11111111111	ı
	NOT INSANE	Females.	11111111111	1
	NOT	Males.)	ı
ED.	VED.	Totale.	03 1 1 1 1 1 03	61
HARG	NOT IMPROVED.	Females.	. 63 1 1 1 1 1 1 1 1 64	67
CASES DISCHARGED	NOT 1	Males.	111111 1111	1
CASI	D.	.alaioT	1111411 1111 4	4
	IMPROVED.	Eemales.	1111011 1111 0	¢.1
	IMP	Males.	1111011 1111 0	¢1
	VED.	Totals.	1111111 1111	1
	MUCH IMPROVED	Females.	11111111111	1
	мисн	Males.	1111111111111	1
	D.	.alatoT	1111811 1111	1
	RECOVERED.	Females.	1111011 1111	-
	REC	Males.	1 1 1 1 1 1 1 1 1 1 1	'
	D.	Totals.	11 11 22 20 20 20 20 20 20 20 20 20 20 20 20	20
CASES	ADMITTED.	Eemales.	11 5	20
J	VP	Males.	111111 1111	1
			de	
		FORM OF DISEASE.	A.—Insane:— Dementa, chronic, epileptic, paralytic, General paralysis, Mania chronic, Paranoia, Concental fictory, B.—Habitual darnkards, C.—Voluntary pattents, D.—Not insane, Total of cases,	Total of persons,

14. — Discharges, classified by Admission and Result.

	Totals.	39	ಣ	42	42
ALS.		21	ಣ	24	- 73
TOTALS.	Females,			<u> </u>	
	Males.	18		18	18
	Totals.	33	63	35	35
DIED.	Females.	17	62	19	19
	Males.	16	1	16	16
Si N	Totals.	1	ı		ı
Not Insane,	Females.	1	ł	1	1
No	Males.	1	ı	1	ı
VED.	Totals.	2	i	67	63
NOT IMPROVED.	Females.	63	ı	0.3	63
Nor	Males.	1	ı	1	ı
	Totals.	4	ı	4	4
IMPROVED.	Females.	63	ı	63	63
IM	Males.	63	ı	63	61
VED.	Totals.	1	1	1	1
MUCH IMPROVED.	Females.	ı	ı	1	ı
МССН	Males.	ı	ı	1	ı
D.	Totals.	ı	П	П	Н
RECOVERED.	Females.	1	1	П	
REC	Males.	1	- 1	1	ı
	SION.	•	•	•	•
	DMISS	•	•	٠	ns,
	IIE A		٠	cases	persc
	OF T		•	Total of cases,	Total of persons,
	NUMBER OF THE ADM	First, .	Second,	Tota	Tota

15. — Causes of Death.

		INSANE.		HABITU	Habitual Drunkards.	ARDS.	Voluni	VOLUNTARY PATIENTS.	ENTS.		TOTALS.	į
CAUSES.	Males.	Kemales.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totala.	Males.	Łemales.	.sistoT
Nervous system:— Exhaustion of chronic melancholia, Apoplexy, Epilepsy, Epilepsy and senility, General paralysis,		11211		1 1 1 1 1	1 []]	11111	1 1 1 1 1	1 1 1 1 1	. 1 1 1 1 1	HHH 163	1101-1	H H W H Z
Respiratory system:— Phthisis, Phthisis and senility,	10	0 1	19	1 1	1 1	1 1	1 1	1 1	1 1	10	0 1	19 1
General:— Heart disease, Bright's disease, Hepatitis, Cancer and cyst, Exhaustion of age and dementia,	1111	- 01 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	12112	1111	1 1 1 1 1	1111	1111	11111	11111		нанны	21121
Totals,	16	19	35	ı	1	١	1	1	ı	16	19	35

16. - Recoveries, classified by Duration of Disease and of Treatment.

					TAG	TAGE ASTRACT	A						ATT ATTACKS	PTACKS.		
					Carr	eile i										
PERIOD.		DURAT	DURATION BEFORE ADMISSION.		HOSPITAL RESIDENCE.	L RESID		WHOLE	WHOLE DURATION FROM THE ATTACK.	FROM K.	WHOLE I	WHOLE KNOWN PERIOD OF MENTAL DISEASE.	RIOD OF ASE.	WHOLE	WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.	ERIOD OF
		Males.	Females.	.ststoT	ylales.	Females.	.elstoT	Males.	Females.	.sistoT	Males.	Females.	.alsioT	Males.	Females.	Totals.
A.—Insane:—																
Congenital.	•	ı	ı	1	1	1	1	1	1	1	1	1	1	١	1	1
Under 1 month,		ı	1	1	1	1	1	ı	ı	ı	1	ı	ı	1	1	ı
From 1 to 3 months, .	•	1	1	1	1	ı	1	ı	1	ı	1	1	ı	1	ı	1
3 to 6 months, .	۰	1	1	1	1	1	1	1	ı	1	1	ı	ı	1	1	ı
6 to 12 months, .	•	ı	1	ı	ı	1	J	1	1	1	ı	1	ı	1	1	1
1 to 2 years, .	•	ı	T	ı	ı	ı	ı	ı	ı	1	ı	1	ı	1	i	ı
2 to 5 years, .	•	ı	1	ı	ı	1	1	1	1	ŀ	1	1	1	1	1	1
5 to 10 years,		ı	١	1	1	1	1	ı	1	1	ı	1	ı	1	ı	ı
10 to 20 years, .	٠	1	1	1	1	1	_	1	1	1	1	1	-	1	1	_
Over 20 years,	•	ı	ı	1	1	1	ı	1	1	1	ı	1	1	1	ı	i
Unknowň,	•	1	П		ı	ŧ	1	1	1		ı	1	1	1	I	I
Totals, ,	•	1	-			1-	-	'	-	1	1	1	1	1	1	
e of known cases,	•	1	1	ı	1	1	1	1	1	1	ı	1	1	1	1	-1
B. — Habitual drunkards,	-	1	1	1	1	1	1	1	1	ı	1	ı	1	í	1	i
oluntary patients,	•	1	ı	ı	1	1	1	1	1	1	1	ı	1	1	ı	1

17. - Deaths, classified by Duration of Disease and Treatment.

IASE ATTACK.	DUBATION BEFORE ADMISSION. HOSPITAL RESIDENCE. THE ATTACK. MHOLE KNOWN PERIOD OF HUGLE KNOWN PERIOD OF HOSPITAL RESIDENCE.	Totals. Totals.	:	in the second of	in to 3 months.	3 to	2 years,	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		years, 2 3 5 5 5 4 9 3 4	8 8 16 4 3 7 6 8 14	otals,	Average of known cases (in years), . 15.89 8.53 11.81 12.67 11.54 12.02 23.92 14.47 19.20 19.84 15.04 17.24 11.91 11.69 11.82		ary patients,
		PERIOD.	A. — Insane: —	Under 1 month.	From 1 to 3 mc	3 to	1 to 2 ve	2 to 5 ye	5 to 10 ye	10 to 20 ye	Over 20 years, Unknown,	Totals, .	Average of known cases	B Habitual drunkards	C Voluntary patients,

18. — Annual Admissions since the Opening of the Asylum, with the Discharges and Deaths within the Official Year, and the Number of Each Year's Admissions remaining Sept. 30, 1896.

			rotals.	œ	ı	1	1	5	ಣ	ಣ	2	5	ì	33
		DIED.	Females.	2	1	1	ı	4	က	-	ಬ	4	ı	17
			Males.	9	1	-	П	Н	1	C7	4	Н	ı	16
		E.	*elatoT	ı	1	ı	1	ı	1	1	1	1	1	
		NOT INSANE.	Females.	ı	ı	ı	1	1	1	ı	1	ı	1	
		NO	Males.	1	ı	1		1	ı	1	1	1	1	1
	5-96.	VED.	.slsioT	1	I	_	ı	1	ı	1	ı	1	ı	2
נרמש).	1895	NOT IMPROVED.	Females,	-	ı	-	1	ı	1	1	1	1	1	67
IIS ASI	DIED II	NOT	.esiriM	1	1	1	1	1	1	1	ı	١	1	1
NEW CASES (FIRST ADMISSIONS TO THIS ASYLUM).	DISCHARGED AND DIED IN 1895-96.	р.	rofals.	67	ı	1	1	1	-	1	-	1	1	4
ISSIONS	HARGEL	IMPEOVED.	Females.	-	ı	1	ı	1	ı	ı	7	ı	ı	67
т Арм	Drscr	IM	Males.	7	1	ı	1	1	1	ı	ı	ı	ı	62
(FIRS		OVED.	-elaloT	1	ı	1	ı	1	1	ı	1	1	1	
CASES		мисн імркоуєр.	Females.	1	ı	1	1	1	ı	1	1	1	ı	1
NEW (мпсн	Males.	ı	1	1	ı	1	1	1	ì	1	1	1
		ξD.	Totals.	1	1	ı	ı	ı	1	à	1	1	ı	1
		RECOVERED.	Females.	1	ı	1	ı	1	1	t	1	1	ı	1
		RE	Males.	1	1	1	1	ı	1	ı	ì	J	1	1
			.slsioT	920	59	35	45	135	81	69	59	39	50	1,462
		ADMITTED.	Females.	424	13	4	13	95	28	30	29	20	20	929
		1	Males.	496	46	31	32	40	53	39	30	19	-1	786
	YEARS ENDING SEPT. 30.					•	•	•	•		٠	٠	•	•
						•		•			٠		٠	٠
						•		•				•	•	
*						1889,	1890,	1891,	1892,	1893,	1894,	1895,	1896,	Totals,

18. — Annual Admissions, etc. — Concluded.

REMAINING OF EACH YEAR'S ADMISSIONS SEFT. 30, 1896.			Totals.	136	15	13	14	84	36	44	37	50^{*}	50	425*			
		Females.	63	4	1	0.1	64	11	22	19	15*	20	218*				
REMAI YEAR SE			Males.	73	11	13	12	50	25	22	18	13	ı	207			
			Totals.	1	1	1	1	ς\ -	1	1	ı	1	ı	2			
		DIED.	Females.	1	ı	ı	1	67	1	1	1	1	ı	67			
			Males.	- 1	ı	ı	ı	ı	1	1	1	1	1	1			
		ED.	Totals.	ı	1	1	1	ı	ı	1	1	1	ı	'			
.cm).	READMITTED CASES (READMISSIONS TO THIS ASTLUM). DISCHARGED AND DIED IN 1895-96.	NOT IMPROVED.	Females.	ı	-1	1	ı	1	1	ı	I	1	ı	1			
IIS ASTI		NOT	Males.	1	1	1	1	1	1	ı	1	ı	1				
TO T		-	Totals.	ı	1	1	1	1	ı	ı	-1	1	ĺ	1			
ISSION		IMPROVED.	Females.	- 1	ı	1	ı	ı	ι	-1	1	1	ı	1			
READM	IARGEI	UKI	Males.	1	ı	1	1	ı	1	1	1	1	ı	1			
SES (Disc	VED.	Totals.	1	1	1	1	ı	ı	1	ı	1	1				
3D CA		MUCH IMPROVED.	Females.	1	1	ı	ı	ı	+	ı	1	1	ı				
MITTI		MUCH	Males.	1	ı	ı	ı	1	1	1	1	1	1	1			
REAL		Ġ	Totals.	1	ı	-1	1	ı	-	ı	ı	ı	ı	-			
					RECOVERED.	Females.	1	1	-1	1	1	-	1	1	ſ	1	-
		REC	Males.	I	1	ı	1	ı	ı	ı	ı	ı	1	1			
		ė.	.elstoT	2	1	-	i	30	2	1	67	S	ı	45			
		ADMITTED.	Females.	-	1	1	1	28	ಣ	1	01	-	1	36			
	ΥP		Males.	-	1	ı	ı	2	4	1	1	1	1	6			
	YEARS ENDING SEPT. 30.					1889,	1890,	1891	1892,	1893,	1894,	1895.	1896,	Totals,			

* Includes one on visit.

19. - Relapsed Cases admitted in Each Year and discharged in 1895-96.

596 .		rotale.	-	1	1	,	1	1	ı	ı	1	ı	ı	1	
REMAINING SEPT. 30, 1896.			Females.		1	1	1	1	1	1	1	1	ı	1	1
	BR		Males.		1	1	1	1	1	1	1	ı	1	1	1
			Totals.		ı	1	ı	1	1	ı	1	1	ı	1	1
		DIED.	Females.		1	1	1	1	1	ı	1	1	ı	ı	
			Males.		1	1	1	-1	3	J	ı	1	1	1	1
		VED.	rotals.		1	1	ı	1	1	1	1	1	1	1	1
		NOT IMPROVED.	Females.		1	1	1	1	1	1	ı	1	1	1	11
M.	.96	NOI	Males.		1	1	1	1	1	1	1	1	1	1	1
ASYLU	DISCHARGED AND DAED IN 1895-96.		.slaioT		ı	ı	1	1	ı	1	1	1	1	1	1
THIS		IMPROVED.	Females.		ı	1	ł	1	1	1	1	1	1	1	
RED IN			.esles.		1	1	1	1	1	ı	1	ì	ı	1	1
ECOVE		VED.	Totals.		1	1	1	1	1	1	1	ı	1	1	1
JSLY R		MUCH IMPROVED.	Females.		ı	ı	1	1	F	1	ı	1	1	ı	
REVIO		MUCI	.eslfald		ı	1	1	1	ı	1	1	1	I	1	
CASES PREVIOUSLY RECOVERED IN THIS ASYLUM.		D.	Totals.		1	ı	ı	1	1	ı	ı	1	1	ı	'
C		RECOVERED.	Females.		1	1	ı	J	1	ı	1	1	1	1	
		RE	Males.		1	1	ı	1	1	1	1	1	1	1	1
			.alsloT		-	ı	ı	1	1	1	1	ı	i	1	1
	ADMITTED.		Females.		ı	1	1	1	ı	ī	1	i	ı	ı	
			Males.		1	1	1	1	ì	ı	I	1	1	ī	
	YEARS ENDING SEPT. 30.				Previous years,										Totals, .
	YEA						1888,	1890,	1891,	1092,	10001	1034,	1895,	1890,	T

